

## *Anti-VMAT2*

*(vesicular monoamine transporter-2)*

**Code Number** : VMAT2-Rb-Af720 (rabbit, RRID : AB\_2571857)

**Size** : 20 µg and 50 µg / See label on vial  
(affinity-purified with antigen polypeptide)

**Formulation** : Liquid ; 200 µg/ml in PBS with 0.05% NaN<sub>3</sub>.

**Storage** : Store at cool temp (2-10°C).

The antibody can be stored at 2-10°C. The antibody can be also aliquotted and stored at -80°C for long-term storage. Avoid repeated freeze-thawing. Non-hazardrous. No MSDS required.

**Species** : rabbit, polyclonal

**Antigen** : rat VMAT2, 468-515 aa  
(L00603)

**Specificity** : mouse (others not tested)  
Immunoblot detects a single protein band at 64-65 kDa.

This selectively stains terminals and cell bodies of serotonergic, adrenergic, and dopaminergic neurons.

**Applications** : In general, affinity-purified antibody is used at around 1 microgram/ml for immunoblot and immunohistochemistry.

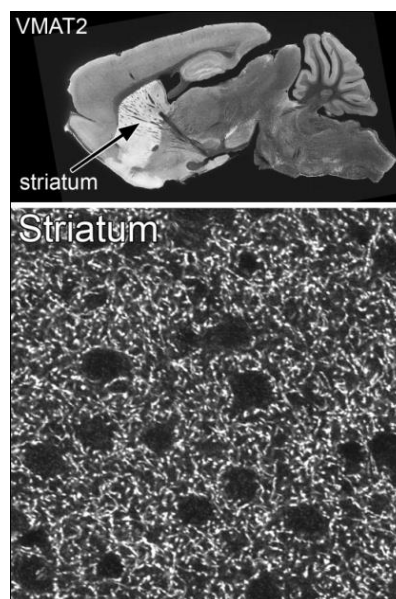
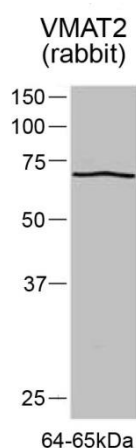
The most appropriate concentration should be determined by users, because it depends on contents in given cells, tissues and organs.

**Research Use** : For research use only, not for use in diagnostic procedures.

**Reference** : Somogyi, J., Baude, A., Omori, Y., Shimizu, H., Mestikawy, S.E., Fukaya, M., Ryuichi, S., Watanabe, M., Somogyi, P. (2004) GABAergic basket cells expressing

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cholecystokinin contain vesicular glutamate transporter type 3 (VGLUT3) in their synaptic terminals in hippocampus and isocortex of the rat. **Eur. J. Neurosci.** 19:552-569.

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